

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/001001

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F03D3/06 F03D3/00 F03B17/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F03D F03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 858 215 A (O.D. ROBINSON, R.L. BENNETT) 25 June 1907 (1907-06-25) the whole document	1-3, 6-8, 11, 17-19, 22-24, 27, 33, 34, 36, 40
X	EP 1 079 104 A (PACIELLO FREDY P) 28 February 2001 (2001-02-28) abstract; figures 1, 2, 4 paragraph '0003! - paragraph '0006! paragraph '0010! - paragraph '0022! ----- -/--	1-3, 7-10, 12, 13, 15, 16



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

16 November 2004

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25/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 365 984 B1 (SHU CHAU-FU) 2 April 2002 (2002-04-02) abstract; figures 1,4,9 column 1, line 24 - line 63 column 2, line 28 - column 3, line 25 -----	1-3,7,8, 13,14,16
X	WO 03/029646 A (HILLEKE COM ; HILLEKE BENT (DK)) 10 April 2003 (2003-04-10) abstract; figures 1-4 page 2, line 15 - page 4, line 25 page 6, line 4 - line 28 page 7, line 1 - line 14 page 9, line 11 - page 11, line 2 page 12, line 12 - page 13, line 11 -----	1-8, 11-14,16
X	GB 2 205 615 A (SALFORD UNIVERSITY CIVIL ENGIN) 14 December 1988 (1988-12-14) abstract; figures 1,2,4-7 page 2, paragraph 4 - page 3, paragraph 2 page 4, paragraph 2 - paragraph 4 page 5, paragraph 11 - page 6, paragraph 3 page 7, paragraph 3 - page 8, paragraph 1 -----	1-3,6-8, 11,13,16
A	US 5 051 059 A (RADEMACHER T PETER) 24 September 1991 (1991-09-24) the whole document -----	1
A	US 6 448 668 B1 (ROBITAILLE ARMAND) 10 September 2002 (2002-09-10) figure 5 -----	39,40

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EP 1079104	A	28-02-2001	AU 2294800 A 25-08-2000 EP 1079104 A1 28-02-2001 WO 0046498 A1 10-08-2000
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